

# **Transportation Improvement Program (TIP)**

**for the**

## **New River Valley Metropolitan Planning Organization**

*Fiscal Years 2012 – 2015*

*Approved June 2, 2011*

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# **Introduction**

## **Purpose and Development**

The Transportation Improvement Program (TIP) for the Blacksburg Urbanized Area is a comprehensive listing of transportation activities to be undertaken during the three-year interval for which it is developed. The basic purpose of the TIP is to recommend transportation projects for federal funding while combining the efforts of local jurisdictions into a regionally coordinated plan of improvements. The TIP is developed in accordance with provisions in federal legislation; Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). A summary of Highway provisions in SAFETEA-LU can be found on the MPO website or at the following link: [www.fhwa.dot.gov/safetealu/summary.htm](http://www.fhwa.dot.gov/safetealu/summary.htm). An update to this legislation is currently being developed in Congress.

Projects are proposed for the TIP by local officials, transit operating officials, the Virginia Department of Transportation and any other agencies or officials responsible for transportation projects within the region. These officials, through the New River Valley Metropolitan Planning Organization (MPO), select and schedule projects that they support for endorsement in the TIP. The Transportation Improvement Program is endorsed annually by the MPO and may be modified by amendments at any time. MPO membership currently includes officials from Montgomery and Pulaski Counties, the Towns of Blacksburg and Christiansburg, The City of Radford, Virginia Tech, Radford University, New River Community College, the New River Planning District Commission, Blacksburg Transit, Radford Transit, Pulaski Transit, the Virginia Tech/Montgomery Regional Airport Authority, the Virginia Department of Transportation, the Virginia Department of Rail and Public Transportation, the Federal Highway Administration, and the Federal Transit Administration.

The Comprehensive, Continuing, Cooperative (3-C) process of the MPO, provides a natural mechanism by which the plan can be carefully reviewed and updated annually. Annual development of this program helps to clarify future needs, allow revisions to accommodate changing conditions, and allows developing local and regional plans to be continually incorporated. The Technical Advisory Committee to the MPO made up of representatives from local, state, and federal agencies, provides the professional expertise necessary to derive a plan, and ensure that all local and regional interests are considered. Once the program is developed, the MPO reviews and approves the program according to policies adopted by the local governments.

With few exceptions, any proposed transportation project should be included in the TIP to be considered eligible for federal funding. All phases of a project including preliminary engineering, right-of-way acquisitions, or construction should be documented in the TIP.

## **Understanding the TIP**

The arrangement of the Transportation Improvement Program identifies those capital projects anticipated during fiscal years 2011-12, through 2014-15. The project tables generally include a brief description of each project and the projected funding required to complete the project. This document provides detailed project tables for highway improvements including Interstate, Primary, Urban and Secondary system projects; safety improvements, Transportation Enhancement projects, public transportation improvements, and airport improvements.

## Financial Plan

The New River Valley MPO Transportation Improvement Program (TIP) provides a summary of how transportation revenues in the program will be invested over a four year period by the state and local agencies that have legal responsibility to build, operate, and maintain the state's highway, road, street, airport, and public transit systems. Federally-funded expenditures are required by federal law to be consistent with the FY2035 Long Range Plan adopted in November 2010 and to be constrained to include only projects that we anticipate having enough revenue to complete. A portion of this money is used to maintain and operate the transportation systems. The remainder is for capital projects.

The project tables have been derived from information provided to the MPO staff by the state and local agencies responsible for funding participation. These tables represent the best estimate of project descriptions and costs that can be made in advance of final negotiation. The principal references for the compilation of the roadway improvements section was the Virginia Commonwealth Transportation Board's current Transportation Development Plan, and the reader is directed to this publication for further discussion of the majority of roadway projects included in this report, as well as the Six Year Secondary Road Improvement Program for Montgomery County.

Federal regulations require the TIP to be financially constrained by fiscal year. The STIP must demonstrate that there is enough money available each year to fund projects listed in the TIP for the year. The purpose of the included tables is to demonstrate financial constraint (for Highway Projects, see pp. 9-21; for Transit/Public Transportation Projects, see pp. 22-26; for Airport/Aviation Projects, see pp. 27-28). The tables compare estimated revenues and expenditures by funding source and indicate how much revenue is estimated will be available each year from federal, state and local sources.

### *Definitions and Abbreviations*

- *AC - Advance Construction*
- *ADA - Americans with Disabilities Act*
- *Allocation - An administrative distribution of funds set apart or designated for a special purpose.*
- *Apportionment - A law that refers to a statutorily prescribed division or assignment of funds. An apportionment is based on prescribed formulas in the law and consists of dividing authorized obligation authority for a specific program.*
- *BH – Bridge Rehabilitation Funds*
- *BR – Bridge Replacement Funds*
- *BROS – Bridge (off-system, not on the federal-aid system)*
- *DEMO – Demonstration*
- *Earmarked – To reserve or set aside for a specific purpose*

- *EB – Equity Bonus*
- *EN – Enhancement Funds*
- *IM – Interstate Maintenance Funds*
- *M – Urbanized Funds*
- *MG – Minimum Guarantee*
- *NHS – National Highway System Funds*
- *PAPI – Precision Approach Path Indicator*
- *PPMS – Project Planning Management System (VDOT Tracking System Number)*
- *RPZ – Runway Protection Zone RRP – Rail Highway Protective Devices Funds*
- *RRP – Rail Highway Protective Devices Funds*
- *RRS – Rail Highway Grade Separation Funds*
- *S – State Funds*
- *STP – Surface Transportation Program Funds*
- *UST – Underground Storage Tank*
- *[ ] – Signifies a Very Preliminary Estimate of Cost*

## **MASS TRANSPORTATION PROGRAM**

### **Federal Mass Transportation Funding**

Federal grants for public transportation programs are authorized by the Federal Transit Act Amendments of 1991. Brief descriptions of funding categories for capital and operating expenses are given below.

**Section 5309 (Formerly Section 3)** – These funds are used primarily for large scale capital investment projects such as the construction/implementation of new mass transit systems. Other qualifying projects include extension of existing fixed guide way facilities, new bus or other rolling stock purchases, improvements for rail or bus systems, purchase of right of way and construction of intermodal transfer centers. Section 5309 funds are available to local transit programs on a formula and discretionary basis with 40% of the funds allocated to new rail starts, 40% for rail modernization, and 20% for purchase, replacement, and rehabilitation of buses and related equipment.

Section 5309 projects receive 80% federal funding. Project priority is determined by the state outside of Transportation Management Areas (TMAs – those urbanized areas having a population greater than 200,000). The Metropolitan Planning Organization (MPO) has responsibility for setting project priorities within TMAs.

**Section 5307 (formerly Section 9)** - These funds may be used for capital and operating expenses. Section 5307 funds are allocated by formula to states for distribution to urbanized areas with a population greater than 50,000. Distribution of these funds to urbanized areas with less than 200,000 is at the state's discretion. States may transfer a limited portion of these funds to Section 5311 (rural transit programming) if approved by an urbanized area declining funds. Operating subsidies may be used for highway projects under certain circumstances.

The Federal Transit Administration will fund 90% of the costs of capital projects to improve bicycle access to mass transit or meet the requirements of the Clean Air Act or Americans with Disabilities Act. Otherwise the federal share of capital costs is 80%. Section 5307 funds can only provide 50% of total operating cost.

MPOs have responsibility for setting project priority within urbanized areas with a population over 200,000. The state has responsibility otherwise.

**Section 5310 (Formerly section 16)** – These funds are available to qualifying private nonprofit and public agencies to purchase vehicles and equipment necessary to provide special transportation services for elderly and disabled clients. Funds may not be used for operating expenses.

Such acquisitions may receive up to 80% federal funding of the total cost of equipment. Project priority is the responsibility of the state for urbanized areas with a population under 200,000.

**Section 5311 (formerly Section 18)** – These formula grants are awarded to states for distribution to rural or small urban areas (i.e. areas under 50,000 population) for general public transit projects. Funds may be used for capital or operating expenses.

Up to 80% of capital improvements and up to 50% for operating expenses may be federally funded. Project priority is determined by the state.

The Federal Transit Administration has several other funding programs that are for planning purposes and are generally not referred to in the Transportation Planning and Research Program. One other program is available to encourage development of new privately operated transit services, which is the Entrepreneurial Services Challenge Program.

## **Mass Transportation Project Justification Narratives**

In accordance with FTA reporting procedures discussions of the justification for individual projects applied for under Section 5309 and 5307 of the Urban Mass Transportation Act must be included in the TIP. Section 5310 projects, which are reported through the Virginia Department of Rail and Public Transportation Division, remain unaffected by this requirement.

### *Operating Assistance (Blacksburg Transit)*

Blacksburg Transit, a department of the Town of Blacksburg, Virginia, is a designated recipient of state and federal aid programs for public transit service. BT provides transit service to roughly 52,000 residents of the MPO area. Transit service is provided within the Town of Blacksburg, with a route that runs through Montgomery County to the Town of Christiansburg. Since a majority of Blacksburg Transit ridership is associated with the local university, Virginia Tech, service schedules coincide with the class schedules at the university.

During enhanced service the hours of operation for routes within the Town of Blacksburg town limits are:

Monday – Thursday 7:00 am to 12:45 am

Friday 7:00 am to 2:45 am

Saturday 9:30 am 2:45 am

Sunday 11:30 am to 7:15 pm

During regular service\* the hours of operation are:

Monday – Friday 7:00 am to 10:15 pm

Saturday 9:30 am 7:15 pm

Sunday 11:30 am to 7:15 pm

\*note “regular service” is during the summer and winter breaks

Blacksburg Transit’s complementary paratransit service is known as BT ACCESS. BT ACCESS’ door-through-door service for disabled persons in the community is widely recognized as one of the best in the state.

For routes in Blacksburg, Blacksburg Transit maintains an active fleet of 45 full-sized transit buses and 6 paratransit vehicles. Blacksburg Transit’s fleet is 100 percent accessible. Morning pullout during enhanced (formerly “regular”) service is 36 transit buses and 5 paratransit vans. BT provided 3,263,372 passenger trips during fiscal year 2010.

### **Service for the Town of Christiansburg**

Starting in 2009, Blacksburg Transit launched new service in the Town of Christiansburg to service the entire limits of the Town with refinements to the service implemented in 2010 and 2011. The current routes now include the Go Anywhere!, Explorer, and Commuter Service routes.

For year round service within Christiansburg, depending on the route, the hours of operation are:

Monday – Thursday 7:00 am to 6:00 pm

Friday 7:00 am to 10:00 pm

Saturday 8:00 am to 11:00 pm

There is no Sunday service.

For the Town of Christiansburg, BT maintains an active fleet of 2 buses and 4 Body on Chassis (BOC) vehicles and all vehicles are accessible.

Blacksburg Transit, in cooperation with Virginia Tech, plans to construct a multi-modal transfer facility (MMTF) to serve the existing and future riders in Blacksburg and the surrounding region. It is envisioned that this facility will be a hub for local and regional transit, creating a centralized transportation center that will promote alternative modes and facilitate non-automobile traffic. The facility will allow future expansion of service to be better served by an expanded and comprehensive transit operation.

The NRV MPO policy board has authorized the Town Manager of the Town of Blacksburg on behalf of the NRV MPO to seek federal and state funding to support transit services. The projected program budget for fiscal year 2012 is for expenditures to be incurred for the provision of a standard level of transit service system-wide and represents no major changes in eligible expense categories from the previous grant year.

#### *Operating Assistance (Radford Transit)*

Radford Transit is a service provided by the City of Radford, service is contracted through New River Valley Community Services and is a partnership between the City of Radford and Radford University. RT provides service to all citizens and students of the City of Radford, Radford University, Fairlawn in Pulaski County, with connecting service to Christiansburg, Blacksburg and the I-81 Park & Ride lot located at exit 118 of Interstate 81. Service is provided year-round with reduced service provided during times when Radford University is not in session.

At times when full service levels are provided typical hours of operation are as follows:

Monday – Wednesday: 7am-10pm  
Thursday – Saturday: 7am-2:40am  
Sunday: 6pm – 12am

Reduced service hours (when Radford University is not in session) are as follows:

Monday – Friday: 7am – 7:40pm  
Saturday: 10am – 7:40pm

All Radford Transit is “deviated fixed-route” which enables any person requesting a deviation to do so with 24 hour notice. Buses may deviate from fixed routes up to  $\frac{3}{4}$  mile from the nearest bus stop.

Radford Transit’s fleet consists of seven (7) 13-passenger body-on-chassis vans; three (3) 19-passenger vans; two (2) 29-passenger body-on-chassis vans; and two (2) 30-foot full-sized transit buses. RT is in the process of working through a build process for two (2) 35-foot full-sized transit buses.

In its first year of service RT provided 187,332 passenger trips (August 8th, 2011 – June 30th 2012). By the second year of service RT has seen ridership more than double with an excess of 300,000 passenger trips in FY 2013 as of April, 2013.

RT employs approximately 45 full and part-time employees and is a functioning department of New River Valley Community Services within the agency’s transit services department. NRVCS also provides Community Transit (CT) service throughout the New River Valley, this service targets human service transportation and provides some service for Radford Transit in the connection with the New River Valley Medical Center.



## Interstate Projects

|              |   |              |                |      |            |              |
|--------------|---|--------------|----------------|------|------------|--------------|
| UPC NO       | 16389   | SCOPE        | MAJOR WIDENING |      |            |              |
| SYSTEM       | Interstate  | JURISDICTION | Christiansburg |      | OVERSIGHT  | FO           |
| PROJECT      | RTE 81 - MAJOR WIDENING - ROUTE 460 CONNECTOR   |              |                |      | ADMIN BY   | VDOT         |
| DESCRIPTION  | FROM: 3.476 KILOMETERS SOUTH ROUTE 460/11 TO: 0.867 KILOMETERS NORTH ROUTE 460/11 (4.3420 KM) |              |                |      |            |              |
| ROUTE/STREET | 0081  |              |                |      | TOTAL COST | \$63,511,058 |
|              | FUND SOURCE   | MATCH        | FY12           | FY13 | FY14       | FY15         |
|              |   | \$0          | \$0            | \$0  | \$0        | \$0          |
| MPO Note     |   |              |                |      |            |              |

|              |   |              |                   |      |            |             |
|--------------|---|--------------|-------------------|------|------------|-------------|
| UPC NO       | 16317   | SCOPE        | MAJOR WIDENING    |      |            |             |
| SYSTEM       | Interstate  | JURISDICTION | Montgomery County |      | OVERSIGHT  | FO          |
| PROJECT      | RTE 81 - MAJOR WIDENING - ROUTE 460 CONNECTOR   |              |                   |      | ADMIN BY   | VDOT        |
| DESCRIPTION  | FROM: 0.867 KILOMETERS NORTH ROUTE 460/11 TO: 1.936 KILOMETERS NORTH ROUTE 460/11 (1.0690 KM) |              |                   |      |            |             |
| ROUTE/STREET | 0081  |              |                   |      | TOTAL COST | \$9,511,303 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15        |
|              |   | \$0          | \$0               | \$0  | \$0        | \$0         |
| MPO Note     |   |              |                   |      |            |             |

## Primary Projects

|              |   |              |                   |      |            |              |
|--------------|---|--------------|-------------------|------|------------|--------------|
| UPC NO       | 14826   | SCOPE        | NEW CONSTRUCTION  |      |            |              |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County |      | OVERSIGHT  | NFO          |
| PROJECT      | "SMART HIGHWAY" - 2 LANES ON 4 LANE RIGHT OF WAY - TEST BED           |              |                   |      | ADMIN BY   | VDOT         |
| DESCRIPTION  | FROM: ROUTE 460 BYPASS TO: 0.189 KILOMETER WEST ROUTE 723 (2.3400 MI) |              |                   |      |            |              |
| ROUTE/STREET |   |              |                   |      | TOTAL COST | \$44,842,544 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15         |
|              |   | \$0          | \$0               | \$0  | \$0        | \$0          |
| MPO Note     |   |              |                   |      |            |              |

|              |   |              |                   |      |            |              |
|--------------|---|--------------|-------------------|------|------------|--------------|
| UPC NO       | 16931   | SCOPE        | NEW CONSTRUCTION  |      |            |              |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County |      | OVERSIGHT  | FO           |
| PROJECT      | RTE IVHS - TEST BED   |              |                   |      | ADMIN BY   | VDOT         |
| DESCRIPTION  | FROM: 0.189 KILOMETERS WEST ROUTE 723 TO: 0.671 KILOMETERS EAST ROUTE 723 (0.8600 KM) |              |                   |      |            |              |
| ROUTE/STREET |   |              |                   |      | TOTAL COST | \$24,004,084 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15         |
| CN           | STP   | \$217,041    | \$868,162         | \$0  | \$0        | \$0          |
| MPO Note     |   |              |                   |      |            |              |

|              |   |              |                   |      |            |               |
|--------------|---|--------------|-------------------|------|------------|---------------|
| UPC NO       | 17345   | SCOPE        | NEW CONSTRUCTION  |      |            |               |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County |      | OVERSIGHT  | NFO           |
| PROJECT      | "SMART HIGHWAY" - 2 LANES ON 4 LANE RW - PE & RW ONLY           |              |                   |      | ADMIN BY   | VDOT          |
| DESCRIPTION  | FROM: 0.671 KILOMETER EAST ROUTE 723 TO: ROUTE I-81 (6.4000 KM) |              |                   |      |            |               |
| ROUTE/STREET |   |              |                   |      | TOTAL COST | \$121,982,140 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15          |
|              |   | \$0          | \$0               | \$0  | \$0        | \$0           |
| MPO Note     |   |              |                   |      |            |               |

|              |   |              |                   |      |            |             |
|--------------|---|--------------|-------------------|------|------------|-------------|
| UPC NO       | 50828   | SCOPE        | STUDIES ONLY      |      |            |             |
| SYSTEM       | Primary                                       | JURISDICTION | Montgomery County |      | OVERSIGHT  | FO          |
| PROJECT      | SMART ROAD - MANAGEMENT OF RESEARCH - PE ONLY |              |                   |      | ADMIN BY   | VDOT        |
| DESCRIPTION  | FROM: ROUTE 460 BYPASS TO: WEST ROUTE 642     |              |                   |      |            |             |
| ROUTE/STREET |   |              |                   |      | TOTAL COST | \$6,196,416 |
|              | FUND SOURCE                                   | MATCH        | FY12              | FY13 | FY14       | FY15        |
|              |   | \$0          | \$0               | \$0  | \$0        | \$0         |
| MPO Note     |   |              |                   |      |            |             |

|              |  |              |                   |      |            |             |
|--------------|--|--------------|-------------------|------|------------|-------------|
| UPC NO       | 84127  | SCOPE        | STUDIES ONLY      |      |            |             |
| SYSTEM       | Primary  | JURISDICTION | Montgomery County |      | OVERSIGHT  | NFO         |
| PROJECT      | Smart Road - Research & Operations (Blacksburg) SAFETEA-LU |              |                   |      | ADMIN BY   | VDOT        |
| DESCRIPTION  |  |              |                   |      |            |             |
| ROUTE/STREET |  |              |                   |      | TOTAL COST | \$6,391,952 |
|              | FUND SOURCE  | MATCH        | FY12              | FY13 | FY14       | FY15        |
|              |  | \$0          | \$0               | \$0  | \$0        | \$0         |
| MPO Note     |  |              |                   |      |            |             |

## MPO TIP Report

|              |   |              |                   |      |            |              |
|--------------|---|--------------|-------------------|------|------------|--------------|
| UPC NO       | 18156   | SCOPE        | MAJOR WIDENING    |      |            |              |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County |      | OVERSIGHT  | NFO          |
| PROJECT      | RTE 460 - WIDENING & RELOCATION   |              |                   |      | ADMIN BY   | VDOT         |
| DESCRIPTION  | FROM: 1.139 KILOMETER SOUTH SCL BLACKSBURG TO: 1.617 KILOMETER NORTH SCL BLACKSBURG (2.7560 KM) |              |                   |      |            |              |
| ROUTE/STREET | 0460  |              |                   |      | TOTAL COST | \$67,216,945 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15         |
|              |   | \$0          | \$0               | \$0  | \$0        | \$0          |
| MPO Note     |   |              |                   |      |            |              |

|              |   |              |                          |      |            |             |
|--------------|---|--------------|--------------------------|------|------------|-------------|
| UPC NO       | 18427   | SCOPE        | SAFETY/TRAFFIC OPERS/TSM |      |            |             |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County        |      | OVERSIGHT  | NFO         |
| PROJECT      | RTE 460 - INSTALL ROADWAY LIGHTING  |              |                          |      | ADMIN BY   | VDOT        |
| DESCRIPTION  | FROM: 1.1 KILOMETERS SOUTH SCL BLACKSBURG TO: 1.6 KILOMETERS NORTH SCL BLACKSBURG (2.7000 KM) |              |                          |      |            |             |
| ROUTE/STREET | 0460  |              |                          |      | TOTAL COST | \$1,822,295 |
|              | FUND SOURCE   | MATCH        | FY12                     | FY13 | FY14       | FY15        |
|              |   | \$0          | \$0                      | \$0  | \$0        | \$0         |
| MPO Note     |   |              |                          |      |            |             |

|              |   |              |                   |      |            |               |
|--------------|---|--------------|-------------------|------|------------|---------------|
| UPC NO       | 18512   | SCOPE        | MAJOR WIDENING    |      |            |               |
| SYSTEM       | Primary   | JURISDICTION | Montgomery County |      | OVERSIGHT  | FO            |
| PROJECT      | RTE 460 - WIDENING & RELOCATION (INCL CONNECTION TO RTE 114)  |              |                   |      | ADMIN BY   | VDOT          |
| DESCRIPTION  | FROM: 1.427 KILOMETERS EAST ROUTE 460 BUSINESS IN CHRISTIANSBURG TO: 1.139 KILOMETER SOUTH SCL BLACKSBURG (4.4050 KM) |              |                   |      |            |               |
| ROUTE/STREET | 0460  |              |                   |      | TOTAL COST | \$105,845,532 |
|              | FUND SOURCE   | MATCH        | FY12              | FY13 | FY14       | FY15          |
| CN           | Other   | \$0          | \$1,713,734       | \$0  | \$0        | \$0           |
| MPO Note     |   |              |                   |      |            |               |



## Urban Projects

|              |   |              |                                    |      |            |          |
|--------------|---|--------------|------------------------------------|------|------------|----------|
| UPC NO       | 87696   | SCOPE        | DEMOLITION OF BLDGS, BRIDGES, ETC. |      |            |          |
| SYSTEM       | Urban   | JURISDICTION | Blacksburg                         |      | OVERSIGHT  | NFO      |
| PROJECT      | PROGRESS ST/ GIVENS LANE - DEMOLITION             |              |                                    |      | ADMIN BY   | VDOT     |
| DESCRIPTION  | Parcel 13 at int. Givens, N. Main and Mtn. Breeze |              |                                    |      |            |          |
| ROUTE/STREET | GIVENS LANE                                       |              |                                    |      | TOTAL COST | \$30,303 |
|              | FUND SOURCE                                       | MATCH        | FY12                               | FY13 | FY14       | FY15     |
|              |   | \$0          | \$0                                | \$0  | \$0        | \$0      |
| MPO Note     |   |              |                                    |      |            |          |

|              |  |                                       |                                 |      |            |              |
|--------------|--|---------------------------------------|---------------------------------|------|------------|--------------|
| UPC NO       | 8746   | SCOPE                                 | RECONSTRUCT WITH ADDED CAPACITY |      |            |              |
| SYSTEM       | Urban  | JURISDICTION                          | Christiansburg                  |      | OVERSIGHT  | No           |
| PROJECT      | RTE 114 – PEPPERS FERRY ROAD – WIDEN TO 4 LANES.                     |                                       |                                 |      | ADMIN BY   | VDOT         |
| DESCRIPTION  | From: Route 460, To: 0.789 kilometers east of west corporate limits. |                                       |                                 |      |            |              |
| ROUTE/STREET | ROUTE 114  |                                       |                                 |      | TOTAL COST | \$23,689,000 |
|              | FUND SOURCE  | MATCH                                 | FY12                            | FY13 | FY14       | FY15         |
|              |  | \$0                                   | \$0                             | \$0  | \$0        | \$0          |
| MPO Note     |  | New project, added to SYIP June 2011. |                                 |      |            |              |

|              |  |                                       |                               |      |            |             |
|--------------|--|---------------------------------------|-------------------------------|------|------------|-------------|
| UPC NO       | 100839   | SCOPE                                 | SAFETY/TRAFFIC OPERATIONS/TSM |      |            |             |
| SYSTEM       | Urban  | JURISDICTION                          | Blacksburg                    |      | OVERSIGHT  |             |
| PROJECT      | RTE 460 – INTERSECTION IMPROVEMENTS AT RAMBLE ROAD |                                       |                               |      | ADMIN BY   | Locally     |
| DESCRIPTION  | Route 460 at Ramble Road and Industrial Park Road  |                                       |                               |      |            |             |
| ROUTE/STREET | ROUTE 460  |                                       |                               |      | TOTAL COST | \$1,089,000 |
|              | FUND SOURCE  | MATCH                                 | FY12                          | FY13 | FY14       | FY15        |
|              |  |                                       | \$0                           | \$0  | \$0        | \$0         |
| MPO Note     |  | New project, added to SYIP June 2011. |                               |      |            |             |

## Miscellaneous Projects

Note: The projects below are not within the MPO. The projects will be removed from the MPO TIP during the next TIP update.

|              |                                       |              |              |      |            |             |
|--------------|---------------------------------------|--------------|--------------|------|------------|-------------|
| UPC NO       | 89231                                 | SCOPE        | STUDIES ONLY |      |            |             |
| SYSTEM       | Miscellaneous                         | JURISDICTION | Statewide    |      | OVERSIGHT  |             |
| PROJECT      | I-64 Corridor Project                 |              |              |      | ADMIN BY   | ST          |
| DESCRIPTION  | FROM: I-95 Richmond TO: Hampton Roads |              |              |      |            |             |
| ROUTE/STREET | I-64 (0064)                           |              |              |      | TOTAL COST | \$4,683,634 |
|              | FUND SOURCE                           | MATCH        | FY12         | FY13 | FY14       | FY15        |
| PE           | NH                                    | \$200,000    | \$800,000    | \$0  | \$0        | \$0         |
| MPO Note     |                                       |              |              |      |            |             |

|              |                                       |              |              |      |      |            |             |
|--------------|---------------------------------------|--------------|--------------|------|------|------------|-------------|
| UPC NO       | 92212                                 | SCOPE        | STUDIES ONLY |      |      |            |             |
| SYSTEM       | Miscellaneous                         | JURISDICTION | Statewide    |      |      | OVERSIGHT  |             |
| PROJECT      | I-64 Peninsula Corridor Study         |              |              |      |      | ADMIN BY   | VDOT        |
| DESCRIPTION  | FROM: I-95 Richmond TO: Hampton Roads |              |              |      |      |            |             |
| ROUTE/STREET | I-64 (0064)                           |              |              |      |      | TOTAL COST | \$3,000,000 |
|              | FUND SOURCE                           | MATCH        | FY12         | FY13 | FY14 | FY15       |             |
| PE           | IM                                    | \$130,791    | \$1,177,123  | \$0  | \$0  | \$0        |             |
|              | NH                                    | \$331,018    | \$1,324,073  | \$0  | \$0  | \$0        |             |
| PE TOTAL     |                                       | \$461,810    | \$2,501,196  | \$0  | \$0  | \$0        |             |
| MPO Note     |                                       |              |              |      |      |            |             |

## Project Groupings

| GROUPING     |                  | Construction : Bridge Rehabilitation/Replacement/Reconstruction |             |           |             |             |              |
|--------------|------------------|---|-------------|-----------|-------------|-------------|--------------|
| ROUTE/STREET |                  |   |             |           | TOTAL COST  |             | \$48,333,340 |
|              | FUND SOURCE      | MATCH   | FY12        | FY13      | FY14        | FY15        |              |
| RW           | Other            | \$0   | \$99,740    | \$0       | \$0         | \$0         | \$0          |
|              | BR               | \$2,359   | \$9,435     | \$0       | \$0         | \$0         | \$0          |
|              | BR AC CONVERSION |   | \$0         | \$62,105  | \$0         | \$0         | \$0          |
|              | EB               | \$3,748   | \$14,992    | \$0       | \$0         | \$0         | \$0          |
| RW TOTAL     |                  | \$6,107   | \$124,167   | \$62,105  | \$0         | \$0         | \$0          |
| RW AC        |                  | \$15,526  | \$62,105    | \$0       | \$0         | \$0         | \$0          |
| CN           | Other            | \$0   | \$1,768,402 | \$0       | \$0         | \$0         | \$0          |
|              | BR               | \$88,175  | \$352,701   | \$0       | \$0         | \$0         | \$0          |
|              | BR AC CONVERSION | \$104,670   | \$0         | \$0       | \$418,678   | \$0         | \$0          |
|              | IM               | \$220,499   | \$0         | \$0       | \$1,984,491 | \$0         | \$0          |
|              | IM AC CONVERSION | \$294,362   | \$0         | \$0       | \$0         | \$2,649,260 | \$0          |
| CN TOTAL     |                  | \$707,706   | \$2,121,103 | \$0       | \$2,403,169 | \$2,649,260 | \$0          |
| CN AC        |                  | \$625,298   | \$0         | \$418,678 | \$4,685,653 | \$0         | \$0          |
| MPO Note     |                  |   |             |           |             |             |              |

| GROUPING     |             | Construction : Safety/ITS/Operational Improvements |             |      |            |      |              |
|--------------|-------------|--|-------------|------|------------|------|--------------|
| ROUTE/STREET |             |  |             |      | TOTAL COST |      | \$55,509,642 |
|              | FUND SOURCE | MATCH  | FY12        | FY13 | FY14       | FY15 |              |
| PE           | HSIP        | \$9,763  | \$87,868    | \$0  | \$0        | \$0  | \$0          |
|              | STP/SRS     | \$0  | \$12,000    | \$0  | \$0        | \$0  | \$0          |
| PE TOTAL     |             | \$9,763  | \$99,868    | \$0  | \$0        | \$0  | \$0          |
| RW           | EB          | \$142,800  | \$571,201   | \$0  | \$0        | \$0  | \$0          |
|              | STP         | \$36,696   | \$146,783   | \$0  | \$0        | \$0  | \$0          |
|              | STP/SRS     | \$0  | \$21,000    | \$0  | \$0        | \$0  | \$0          |
| RW TOTAL     |             | \$179,496  | \$738,984   | \$0  | \$0        | \$0  | \$0          |
| CN           | EB          | \$650,617  | \$2,602,466 | \$0  | \$0        | \$0  | \$0          |
|              | HSIP        | \$61,500   | \$553,500   | \$0  | \$0        | \$0  | \$0          |
|              | STP         | \$129,736  | \$518,942   | \$0  | \$0        | \$0  | \$0          |
|              | STP/SRS     | \$0  | \$180,500   | \$0  | \$0        | \$0  | \$0          |
| CN TOTAL     |             | \$841,852  | \$3,855,408 | \$0  | \$0        | \$0  | \$0          |
| CN AC        |             | -\$135,666   | \$1,036,863 | \$0  | \$0        | \$0  | \$0          |
| MPO Note     |             |  |             |      |            |      |              |

| GROUPING     |             | Construction : Transportation Enhancement/Byway/Non-Traditional |           |      |            |      |             |
|--------------|-------------|---|-----------|------|------------|------|-------------|
| ROUTE/STREET |             |   |           |      | TOTAL COST |      | \$2,674,808 |
|              | FUND SOURCE | MATCH   | FY12      | FY13 | FY14       | FY15 |             |
| CN           | Other       | \$460,904   | \$460,904 | \$0  | \$0        | \$0  | \$0         |
|              | STP/EN      | \$80,000  | \$320,000 | \$0  | \$0        | \$0  | \$0         |
| CN TOTAL     |             | \$540,904   | \$780,904 | \$0  | \$0        | \$0  | \$0         |
| MPO Note     |             |   |           |      |            |      |             |



## MPO TIP Report

|              |  |       |               |               |               |               |
|--------------|--|-------|---------------|---------------|---------------|---------------|
| GROUPING     | Maintenance : Preventive Maintenance and System Preservation             |       |               |               |               |               |
| PROGRAM NOTE | Funding identified to be obligated statewide as projects are identified. |       |               |               |               |               |
| ROUTE/STREET |  |       |               |               | TOTAL COST    |               |
|              | FUND SOURCE  | MATCH | FY12          | FY13          | FY14          | FY15          |
| CN           | EB   | \$0   | \$35,777,196  | \$35,570,454  | \$36,500,546  | \$36,170,426  |
|              | IM   | \$0   | \$21,507,444  | \$28,171,292  | \$30,594,510  | \$43,017,379  |
|              | NH   | \$0   | \$24,401,935  | \$37,922,357  | \$43,171,252  | \$55,733,970  |
|              | STP  | \$0   | \$33,631,155  | \$33,655,434  | \$33,677,000  | \$34,410,259  |
| CN TOTAL     |  | \$0   | \$115,317,730 | \$135,319,537 | \$143,943,308 | \$169,332,034 |
| MPO Note     |  |       |               |               |               |               |

|              |  |       |              |              |              |              |
|--------------|--|-------|--------------|--------------|--------------|--------------|
| GROUPING     | Maintenance : Preventive Maintenance for Bridges                         |       |              |              |              |              |
| PROGRAM NOTE | Funding identified to be obligated statewide as projects are identified. |       |              |              |              |              |
| ROUTE/STREET |  |       |              |              | TOTAL COST   |              |
|              | FUND SOURCE  | MATCH | FY12         | FY13         | FY14         | FY15         |
| CN           | BR   | \$0   | \$51,002,946 | \$52,580,173 | \$67,177,442 | \$65,942,659 |
| MPO Note     |  |       |              |              |              |              |

|              |  |       |              |              |              |              |
|--------------|--|-------|--------------|--------------|--------------|--------------|
| GROUPING     | Maintenance : Traffic and Safety Operations                              |       |              |              |              |              |
| PROGRAM NOTE | Funding identified to be obligated statewide as projects are identified. |       |              |              |              |              |
| ROUTE/STREET |  |       |              |              | TOTAL COST   |              |
|              | FUND SOURCE  | MATCH | FY12         | FY13         | FY14         | FY15         |
| CN           | EB   | \$0   | \$7,945,311  | \$8,143,944  | \$8,347,542  | \$8,556,231  |
|              | NH   | \$0   | \$12,856,260 | \$13,177,666 | \$13,507,108 | \$13,844,785 |
|              | STP  | \$0   | \$5,184,000  | \$5,313,600  | \$5,446,440  | \$5,582,601  |
| CN TOTAL     |  | \$0   | \$25,985,571 | \$26,635,210 | \$27,301,090 | \$27,983,617 |
| MPO Note     |  |       |              |              |              |              |

|              |                       |         |          |      |            |           |
|--------------|-----------------------|---------|----------|------|------------|-----------|
| GROUPING     | Transit : Engineering |         |          |      |            |           |
| ROUTE/STREET |                       |         |          |      | TOTAL COST | \$100,000 |
|              | FUND SOURCE           | MATCH   | FY12     | FY13 | FY14       | FY15      |
| PE           | EB                    | \$2,307 | \$9,226  | \$0  | \$0        | \$0       |
|              | STP                   | \$2,625 | \$10,500 | \$0  | \$0        | \$0       |
| PE TOTAL     |                       | \$4,932 | \$19,726 | \$0  | \$0        | \$0       |
| PE AC        |                       | \$661   | \$2,643  | \$0  | \$0        | \$0       |
| MPO Note     |                       |         |          |      |            |           |

## Appendix A

### Projects by Grouping

#### Construction : Bridge Rehabilitation/Replacement/Reconstruction

| System     | UPC   | Jurisdiction / Name / Description  | Street(Route)       | Estimate     |
|------------|-------|--|---------------------|--------------|
| Interstate | 93074 | Christiansburg<br>RTE. 81 - SBL BRIDGE OVER ROUTE 8<br>FROM: I81 SB over TO: Rte. 8  | 0081                | \$5,324,531  |
| Interstate | 93075 | Montgomery County<br>RTE. 81 - NBL BRIDGE OVER ROUTE 8<br>FROM: I81 SB over TO: Rte. 8   | 0081                | \$4,072,222  |
| Primary    | 18866 | Montgomery County<br>RTE 114 - BRIDGE REPLACEMENT ON WBLOVER NS RAILWAY<br>FROM: 1.07 MILE EAST MONTGOMERY-PULASKI CL TO: 0.21 MILE EAST MONTGOMERY-PULASKI CL (0.8700 MI) | 0114                | \$4,886,310  |
| Primary    | 50030 | Montgomery County<br>RTE 114 - WBL BRIDGE REPLACEMENT OVER THE NEW RIVER<br>FROM: 0.21 MILE EAST MONTGOMERY-PULASKI CO LINE TO: MONTGOMERY-PULASKI CO LINE                 | 0114                | \$17,634,524 |
| Secondary  | 90087 | Montgomery County<br>RTE. 773 - BRIDGE REPLACEMENT (STR. 6132)<br>at int. Rte. 626   | CANNERY ROAD (0773) | \$1,503,892  |
| Urban      | 17682 | Blacksburg<br>TOMS CREEK ROAD - INTERCHANGE<br>AT ROUTE 460 BYPASS (0.4180 KM)   | TOMS CREEK ROAD     | \$14,911,861 |

#### Construction : Safety/ITS/Operational Improvements

| System     | UPC   | Jurisdiction / Name / Description  | Street(Route) | Estimate    |
|------------|-------|--|---------------|-------------|
| Interstate | 82093 | Statewide<br>SMART TRAVEL & TRAFFIC MANAGEMENT SYSTEM<br>FROM: SALEM & STAUNTON DISTRICT TO: FY07 SAFETEAU EARMARK PROJECT   |               | \$514,480   |
| Interstate | 52453 | Christiansburg<br>RTE 81 - ROADWAY LIGHTING<br>FROM: 3.476 KM SOUTH INTERSECTION ROUTE 11/460 TO: 1.936 KM NORTH INTERSECTION ROUTE 11/460 (5.4120 KM)                       | 0081          | \$3,431,923 |
| Interstate | 4462  | Montgomery County<br>RTE 81 - REST AREA - BUILDING & PARKING IMPROVEMENTS-PE ONLY<br>FROM: AT REST AREA 21 NORTH AND SOUTH (NEAR RADFORD) TO: MP 108 N&SB - REST AREA 21 N&S | 0081          | \$439,422   |
| Interstate | 97670 | Montgomery County<br>RTE. 81 - Districtwide Guardrail and Shoulder Improvements<br>FROM: MM 119.6 TO: MM 129.0 (9.4000 MI)   | 0081          | \$4,422,935 |
| Interstate | 89751 | Salem District-wide<br>Replace Bridge Mounted Signs<br>VARIOUS LOCATIONS   | 0081          | \$418,866   |

Appendix is for informational purposes only.



**Construction : Safety/ITS/Operational Improvements**

| System        | UPC   | Jurisdiction / Name / Description  | Street(Route)                             | Estimate    |
|---------------|-------|--|---|-------------|
| Miscellaneous | 93192 | Blacksburg<br>Blacksburg-Linkous ES- SRTS Project<br>FROM: Watson Ave and Toms Creek TO: Broce Drive and Progress ST                                 | WATSON AND TOMS CREEK AND BROCE DR (0000) | \$267,000   |
| Miscellaneous | 81419 | Salem District-wide<br>DISTRICTWIDE ROADWAY SAFETY ASSESSMENT - SALEM<br>FY07 HSIP PROJECT   | 0000                                      | \$0         |
| Miscellaneous | 81423 | Salem District-wide<br>DISTRICTWIDE TRAFFIC SIGNALS AND ITS - SALEM<br>FY07 HSIP PROJECT   | 0000                                      | \$0         |
| Miscellaneous | 86665 | Salem District-wide<br>RTE. 000 - HSIP District-wide High Risk Rural Roads Salem<br>Salem District High Risk Rural Roads Safety Improvements         | 0000                                      | \$0         |
| Miscellaneous | 93174 | Statewide<br>SafetyAnalyst Project<br>FROM: various TO: various  | 0000                                      | \$225,000   |
| Miscellaneous | 86531 | Montgomery County<br>HSIP Proactive Safety Projects County of Montgomery<br>Montgomery Co. Safety Projects   | 9999                                      | \$0         |
| Primary       | 94238 | Salem District-wide<br>Rte. 220 Corridor - Upgrade Warning Signs<br>FROM: NC/Va State Line in Henry county TO: Rte. 1290 in Roanoke county           | 0220                                      | \$455,212   |
| Primary       | 94239 | Salem District-wide<br>Rte. 220 - Various Safety Improvements<br>FROM: Intersection Route 687 Henry County TO: Intersection Route 676 Roanoke County | 0220                                      | \$802,910   |
| Primary       | 98118 | Christiansburg<br>RTE. 460B - Replace Signal at the Wal-mart Entrance<br>FROM: at the intersection of TO: Rte. 460B and the Wal-mart entrance        | N. FRANKLIN ST. (0460)                    | \$305,000   |
| Primary       | 98119 | Christiansburg<br>Rte. 460B - replace signal at the Home Depot Entrance<br>FROM: at the intersection of TO: Rte. 460B and the Home Depot entrance    | N. FRANKLIN ST. (0460)                    | \$310,000   |
| Secondary     | 3680  | Montgomery County<br>RTE 685 - WIDEN AND OVERLAY PAVEMENT<br>FROM: ROUTE 736 TO: WCL BLACKSBURG (1.7000 MI)  | 0685                                      | \$2,982,912 |
| Secondary     | 87230 | Montgomery County<br>Plant Mix Federal Aid Routes<br>FROM: Rte. 654 TO: Rte. 718 (1.1500 MI)   | MOUNT ZION ROAD (9999)                    | \$193,164   |
| Secondary     | 93463 | Montgomery County<br>RTE. 685 - Constr. Paved Shoulders and Install Guardrail<br>FROM: Rt 114 TO: SR 652 (3.1500 MI)                                 | PRICES FORK ROAD (0685)                   | \$439,921   |

Appendix is for informational purposes only.

**Construction : Safety/ITS/Operational Improvements**

| System    | UPC   | Jurisdiction / Name / Description   | Street(Route)                     | Estimate     |
|-----------|-------|---|-----------------------------------|--------------|
| Secondary | 95724 | Montgomery County<br>Plant Mix Federal Aid Routes<br>FROM: 1.88 MI. S. RTE. 658 TO: 0.38 MI. S. RTE. 658 (1.5000 MI)  | TYLER ROAD (0600)                 | \$353,407    |
| Urban     | 97197 | Blacksburg<br>Blacksburg - SRTS Harding ES #1 - pedestrian refuge islands<br>FROM: Harding Ave and Owens St TO: Harding Ave and Owens St  | HARDING AVE (0000)                | \$105,000    |
| Urban     | 67974 | Blacksburg<br>TOWN OF BLACKSBURG - NORTH MAIN STREET<br>FROM: 0.008 MI. N. Int. Kabrich Street TO: 0.004 MI. S. Int. College Avenue (0.5190 MI)                                       | NORTH MAIN ST.                    | \$12,458,383 |
| Urban     | 67976 | Blacksburg<br>RTE 460 - N. MAIN ST. - RECONSTRUCTION - PE ONLY<br>FROM: GILES ROAD TO: TABOR ROAD   | NORTH MAIN ST. (0460)             | \$5,608,653  |
| Urban     | 97196 | Blacksburg<br>Blacksburg - SRTS - Harding #2 - Multi-use path<br>FROM: Owens St TO: Dickerson Ln  | OFF-STREET SHARED USE PATH (0000) | \$120,000    |
| Urban     | 72525 | Blacksburg<br>RTE 412 (PRICES FORK ROAD) - INTERSECTION IMPROVEMENTS<br>AT UNIVERSITY CITY BOULEVARD (0.0800 MI)  | PRICES FORK ROAD (0412)           | \$2,026,200  |
| Urban     | 72527 | Blacksburg<br>PROGRESS STREET EXTENSION / GIVENS LANE<br>FROM: 0.066 MILE SOUTH ASHFORD COURT/GIVENS LANE TO: 0.072 MILE EAST NORTH MAIN ST/0.003 MILE NORTH CHEROKEE DR. (1.4760 MI) | PROGRESS STREET                   | \$10,590,152 |
| Urban     | 67975 | Blacksburg<br>INT IMPROVEMENTS TO ENHANCE PEDESTRIAN SAFETY & TRAFFIC FLOW<br>FROM: VAR.INTER.IN TOWN OF BLACKSBURG TO: INCL. PATRICK HENRY DR. & PROGRESS ST. INT.                   | VAR.INTER.                        | \$3,446,805  |
| Urban     | 71586 | Christiansburg<br>RTE 114 (PEPPERS FERRY ROAD) - WIDEN TO 4 LANES<br>FROM: 0.789 KM EAST OF WCL CHRISTIANSBURG TO: 0.126 KM WEST OF WCL CHRISTIANSBURG (0.9160 KM)                    | PEPPERS FERRY RD (0114)           | \$5,592,297  |

**Construction : Transportation Enhancement/Byway/Non-Traditional**

| System      | UPC   | Jurisdiction / Name / Description  | Street(Route) | Estimate    |
|-------------|-------|--|---------------|-------------|
| Enhancement | 95062 | Blacksburg<br>C504 Phase IV of Hokie Bikeways, Huckleberry Trail connector |               | \$320,000   |
| Enhancement | 89864 | Christiansburg<br>Christiansburg Downtown Streetscaping, Phase C502        |               | \$961,750   |
| Enhancement | 94264 | Montgomery County<br>Huckleberry Trail Extension                           |               | \$1,393,058 |

**Maintenance : Preventive Maintenance and System Preservation**

| System | UPC | Jurisdiction / Name / Description | Street(Route) | Estimate |
|--------|-----|-----------------------------------|---------------|----------|
|--------|-----|-----------------------------------|---------------|----------|

Appendix is for informational purposes only.

**Maintenance : Preventive Maintenance and System Preservation**

| System  | UPC   | Jurisdiction / Name / Description | Street(Route) | Estimate |
|---|-------|-----------------------------------|---------------|----------|
| Miscellaneous   | T4152 | Statewide                         | SOPS          | \$0      |
| PREVENTATIVE MAINTENANCE AND SYSTEMS OPERATIONS                         |       |                                   |               |          |
| Funding Identified to be Obligated Statewide as Projects are Identified |       |                                   |               |          |

**Maintenance : Preventive Maintenance for Bridges**

| System  | UPC   | Jurisdiction / Name / Description | Street(Route) | Estimate |
|---|-------|-----------------------------------|---------------|----------|
| Miscellaneous   | T3748 |                                   | SOPS          | \$0      |
| BRIDGE SAFETY INSPECTION REHABILITATION AND RECONSTRUCTION              |       |                                   |               |          |
| Funding Identified to be Obligated Statewide as Projects are Identified |       |                                   |               |          |

**Maintenance : Traffic and Safety Operations**

| System   | UPC   | Jurisdiction / Name / Description | Street(Route) | Estimate |
|--|-------|-----------------------------------|---------------|----------|
| Miscellaneous  | T3746 |                                   | SOPS          | \$0      |
| TRAFFIC AND SAFETY OPERATIONS  |       |                                   |               |          |
| Funding Identified to be Obligated Statewide as Projects are Identified. |       |                                   |               |          |

**Transit : Engineering**

| System                                     | UPC   | Jurisdiction / Name / Description | Street(Route)           | Estimate  |
|--|-------|-----------------------------------|-------------------------|-----------|
| Urban                                      | 70594 | Christiansburg                    | 114/460 CONNECT. (0114) | \$100,000 |
| RTE 114 - CONNECTOR TO ROUTE 460 - PE Only |       |                                   |                         |           |



**TABLE C : Blacksburg MPO  
FEDERAL FUNDING CATEGORIES STATEWIDE  
FISCAL CONSTRAINT OF YEAR**

Highway Projects  
FFY 2012 - 2015

|  | FFY 2012             |                      | FFY 2013             |                      | FFY 2014             |                      | FFY 2015             |                      | TOTAL                |                      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Fund Source                                | Estimated Revenue    | Proposed Commitment  | Estimated Revenue    | Proposed Commitment  | Estimated Revenue    | Proposed Commitment  | Estimated Revenue    | Proposed Commitment  | Estimated Revenue    | Proposed Commitment  |
| <b>Federal</b>                             |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| BR/BROS                                    | \$316,081            | \$316,081            | \$62,105             | \$62,105             | \$418,678            | \$418,678            | \$0                  | \$0                  | \$796,864            | \$796,864            |
| EB/MG                                      | \$3,197,885          | \$3,197,885          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$3,197,885          | \$3,197,885          |
| EN   | \$320,000            | \$320,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$320,000            | \$320,000            |
| IM   | (\$7,026)            | (\$7,026)            | \$0                  | \$0                  | \$1,984,491          | \$1,984,491          | \$2,649,260          | \$2,649,260          | \$4,626,725          | \$4,626,725          |
| NHS  | (\$136,490)          | (\$136,490)          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | (\$136,490)          | (\$136,490)          |
| STP  | \$1,897,119          | \$1,897,119          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$1,897,119          | \$1,897,119          |
| <b>Subtotal -- Federal</b>                 | <b>\$5,587,569</b>   | <b>\$5,587,569</b>   | <b>\$62,105</b>      | <b>\$62,105</b>      | <b>\$2,403,169</b>   | <b>\$2,403,169</b>   | <b>\$2,649,260</b>   | <b>\$2,649,260</b>   | <b>\$10,702,103</b>  | <b>\$10,702,103</b>  |
| <b>Other</b>                               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Non-Federal                                | \$4,450,433          | \$4,450,433          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$4,450,433          | \$4,450,433          |
| State Match                                | \$1,729,849          | \$1,729,849          | \$104,670            | \$104,670            | \$845,797            | \$845,797            | \$294,362            | \$294,362            | \$2,974,678          | \$2,974,678          |
| <b>Subtotal -- Other</b>                   | <b>\$6,180,282</b>   | <b>\$6,180,282</b>   | <b>\$104,670</b>     | <b>\$104,670</b>     | <b>\$845,797</b>     | <b>\$845,797</b>     | <b>\$294,362</b>     | <b>\$294,362</b>     | <b>\$7,425,111</b>   | <b>\$7,425,111</b>   |
| <b>Total</b>                               | <b>\$11,767,851</b>  | <b>\$11,767,851</b>  | <b>\$166,775</b>     | <b>\$166,775</b>     | <b>\$3,248,966</b>   | <b>\$3,248,966</b>   | <b>\$2,943,622</b>   | <b>\$2,943,622</b>   | <b>\$18,127,214</b>  | <b>\$18,127,214</b>  |
| <b>Federal - AC (1)</b>                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| BR   | \$62,105             | \$62,105             | \$418,678            | \$418,678            | \$0                  | \$0                  | \$0                  | \$0                  | \$480,783            | \$480,783            |
| IM   | (\$54,101)           | (\$54,101)           | \$0                  | \$0                  | \$4,685,653          | \$4,685,653          | \$0                  | \$0                  | \$4,631,552          | \$4,631,552          |
| NH   | (\$225,347)          | (\$225,347)          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | (\$225,347)          | (\$225,347)          |
| STP  | (\$518,619)          | (\$518,619)          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | (\$518,619)          | (\$518,619)          |
| <b>Subtotal -- Federal - AC (1)</b>        | <b>(\$735,962)</b>   | <b>(\$735,962)</b>   | <b>\$418,678</b>     | <b>\$418,678</b>     | <b>\$4,685,653</b>   | <b>\$4,685,653</b>   | <b>\$0</b>           | <b>\$0</b>           | <b>\$4,368,369</b>   | <b>\$4,368,369</b>   |
| <b>Statewide - Federal (4)</b>             |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| BR/BROS                                    | \$51,002,946         | \$51,002,946         | \$52,580,173         | \$52,580,173         | \$67,177,442         | \$67,177,442         | \$65,942,659         | \$65,942,659         | \$236,703,220        | \$236,703,220        |
| EB/MG                                      | \$43,722,507         | \$43,722,507         | \$43,714,398         | \$43,714,398         | \$44,848,088         | \$44,848,088         | \$44,726,657         | \$44,726,657         | \$177,011,650        | \$177,011,650        |
| IM   | \$21,507,444         | \$21,507,444         | \$28,171,292         | \$28,171,292         | \$30,594,510         | \$30,594,510         | \$43,017,379         | \$43,017,379         | \$123,290,625        | \$123,290,625        |
| MISCELL (4)                                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  |
| NHS  | \$37,258,195         | \$37,258,195         | \$51,100,023         | \$51,100,023         | \$56,678,360         | \$56,678,360         | \$69,578,755         | \$69,578,755         | \$214,615,333        | \$214,615,333        |
| STP  | \$38,815,155         | \$38,815,155         | \$38,969,034         | \$38,969,034         | \$39,123,440         | \$39,123,440         | \$39,992,860         | \$39,992,860         | \$156,900,489        | \$156,900,489        |
| TRANSIT (3)                                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  |
| TRANSIT EB/MG (7)                          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  |
| <b>Subtotal -- Statewide - Federal (4)</b> | <b>\$192,306,247</b> | <b>\$192,306,247</b> | <b>\$214,534,920</b> | <b>\$214,534,920</b> | <b>\$238,421,840</b> | <b>\$238,421,840</b> | <b>\$263,258,310</b> | <b>\$263,258,310</b> | <b>\$908,521,317</b> | <b>\$908,521,317</b> |

FFY 2012 - 2015

|             | FFY 2012          |                     | FFY 2013          |                     | FFY 2014          |                     | FFY 2015          |                     | TOTAL             |                     |
|-------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| Fund Source | Estimated Revenue | Proposed Commitment | Estimated Revenue | Proposed Commitment | Estimated Revenue | Proposed Commitment | Estimated Revenue | Proposed Commitment | Estimated Revenue | Proposed Commitment |

- (1) AC -- Advance Construction -- Funding Included in Federal Category based on year of AC Conversion.  
 (2) CMAQ/RSTP includes funds for TRANSIT projects.  
 (3) Multiple MPO Category - Funding to be obligated in Multiple MPO Regions.  
 (4) Statewide Category - Funding to be obligated Statewide for projects as identified.

|   | Previous Funding  | FY 2012                           | FY 2013 | FY 2014 | FY 2015                       | Total FY 2012-2015 |        |                        |
|---|---|-----------------------------------|---------|---------|-------------------------------|--------------------|--------|------------------------|
| BLACKSBURG METROPOLITAN PLANNING ORGANIZATION |   |                                   |         |         |                               |                    |        |                        |
| STIP ID:                                      | BBT0001   | Title: Operating Assistance       |         |         | Recipient: Blacksburg Transit |                    |        |                        |
| FTA 5307                                      |   | 1,534                             | 1,535   | 1,273   | 1,751                         | FTA 5307           | 6,093  | Blacksburg Transit     |
| State   |   | 800                               | 993     | 881     | 1,506                         | State              | 4,180  | Blacksburg Transit     |
| Local   |   | 1,766                             | 2,006   | 2,703   | 2,615                         | Local              | 9,090  | Blacksburg Transit     |
| Revenues                                      |   | 969                               | 949     | 1,001   | 212                           | Revenues           | 3,131  | Blacksburg Transit     |
| Year Total:                                   | -   | 5,069                             | 5,483   | 5,858   | 6,084                         | Total Funds:       | 22,494 | Blacksburg Transit     |
| Description:                                  | Adj #4 -Increased FY 13 by \$414K (\$1k - 5307, \$193K - state, \$240 - local, Decrease \$20K - Revenues) in accordance with approved FY13 SYIP. Adj #12 - Revise funding based on FY14 SYIP. Increase total FY14 by \$789K (decrease 5307 by \$261K, increase state funding by 76K, increase local funds by \$942K, and increase revenues by \$32K). |                                   |         |         |                               |                    |        |                        |
| Blacksburg Transit                            |   |                                   |         |         |                               |                    |        |                        |
| STIP ID:                                      | BBT0002   | Title: Replacement Rolling Stock  |         |         | Recipient: Blacksburg Transit |                    |        |                        |
| Flexible STP                                  | 1,269   | 734                               | 2,437   | 3,844   | 1,014                         | Flexible STP       | 8,029  | Blacksburg Transit *** |
| Federal Stimulus                              | 4,186   |                                   |         |         |                               | Federal Stimulus   | -      | Blacksburg Transit     |
| State   | 254   | 147                               | 835     | 769     | 203                           | State              | 1,954  | Blacksburg Transit     |
| Local   | 63  | 37                                | 209     | 192     | 51                            | Local              | 489    | Blacksburg Transit     |
| Year Total:                                   | 5,772   | 918                               | 3,481   | 4,805   | 1,268                         | Total Funds:       | 10,472 | Blacksburg Transit     |
| Description:                                  | Adj #4 -Decreased FY 13 by \$937K (\$1098K - flexible STP, Increased \$393K - state, and \$232K - local) in accordance with approved FY13 SYIP. Amend #18 - Revise funding based on FY14 SYIP. Decrease total FY14 funding by \$3316K (decrease flex STP by \$2653K, decrease state by \$36K, decrease local by \$627K).                              |                                   |         |         |                               |                    |        |                        |
| Blacksburg Transit                            |   |                                   |         |         |                               |                    |        |                        |
| STIP ID:                                      | BBT0010   | Title: Construction of Facilities |         |         | Recipient: Blacksburg Transit |                    |        |                        |
| FTA 5309                                      | 8,000   |                                   |         |         |                               | FTA 5309           | -      | Blacksburg Transit     |
| Flexible STP                                  | 80  | 1,292                             |         |         | 1,999                         | Flexible STP       | 3,291  | Blacksburg Transit     |
| State   | 16  | 168                               |         |         | 400                           | State              | 568    | Blacksburg Transit     |
| Local   | 2,004   | 155                               |         |         | 99                            | Local              | 254    | Blacksburg Transit     |
| Year Total:                                   | 10,100  | 1,615                             | -       | -       | 2,498                         | Total Funds:       | 4,113  | Blacksburg Transit     |
| Description:                                  | Broke out into two project numbers in new STIP *** Using sale proceeds to offsite Federal which is not reflected  |                                   |         |         |                               |                    |        |                        |

| STIP ID: BBT0014 |   | Title: Spare Parts, ACM Items  |     | Recipient: Blacksburg Transit |                   |                    |
|------------------|---|--------------------------------|-----|-------------------------------|-------------------|--------------------|
| FTA 5309         | 36  |                                |     |                               | FTA 5309 -        | Blacksburg Transit |
| Flexible STP     |   |                                |     | 73                            | Flexible STP 73   | Blacksburg Transit |
| State            | 9   |                                |     | 10                            | State 10          | Blacksburg Transit |
| Local            | -   |                                |     | 8                             | Local 8           | Blacksburg Transit |
| Year Total:      | 45  | -                              | -   | 91                            | - Total Funds: 91 | Blacksburg Transit |
| Description:     | Adj #12 - Revise funding based on FY14 SYIP. Decrease total FY14 funding by \$337K (decrease flex STP by \$269K, decrease state by \$33K, decrease local by \$35K).   |                                |     |                               |                   |                    |
| STIP ID: BBT0016 |   | Title: Expansion Rolling Stock |     | Recipient: Blacksburg Transit |                   |                    |
| FTA 5309         | 279   |                                |     |                               | FTA 5309 -        | Blacksburg Transit |
| Flexible STP     | 2,118   |                                |     | 88 -                          | Flexible STP 88   | Blacksburg Transit |
| State            | 376   |                                |     | 18 -                          | State 18          | Blacksburg Transit |
| Local            | 224   |                                |     | 4 -                           | Local 4           | Blacksburg Transit |
| Year Total:      | 2,997   | -                              | -   | 110 -                         | Total Funds: 110  | Blacksburg Transit |
| Description:     |   |                                |     |                               |                   |                    |
| STIP ID: BBT0017 |   | Title: Passenger Shelters      |     | Recipient: Blacksburg Transit |                   |                    |
| FTA 5309         | 13  |                                |     |                               | FTA 5309 -        | Blacksburg Transit |
| Flexible STP     |   | 44                             | 91  | 28 -                          | Flexible STP 163  | Blacksburg Transit |
| State            | 3   | 6                              | 12  | 4 -                           | State 22          | Blacksburg Transit |
| Local            | -   | 5                              | 10  | 3 -                           | Local 18          | Blacksburg Transit |
| Year Total:      | 16  | 55                             | 113 | 35 -                          | Total Funds: 203  | Blacksburg Transit |
| Description:     | Adj# 4 - Add FY 13 funding in the amount of \$304K (\$194K - New Freedom, \$100K - State, 5K - local, \$5K - Revenues) in accordance with approved FY13 SYIP. Adj #12 - Revise funding based on FY14 SYIP. Decrease total FY14 by \$13K (decrease flex STP by \$10K, decrease state funding by 1K, decrease local funds by \$2K). |                                |     |                               |                   |                    |

| STIP ID: BBT0020      Title: ADP Hardware      Recipient: Blacksburg Transit          |   |    |     |     |     |                  |     |                    |
|---|---|----|-----|-----|-----|------------------|-----|--------------------|
| Federal Stimulus  | 114   |    |     |     |     | Federal Stimulus | -   | Blacksburg Transit |
| Flexible STP  | 90  | 21 | 117 | 69  | 162 | Flexible STP     | 369 | Blacksburg Transit |
| State   | 12  | 3  | 16  | 9   | 32  | State            | 60  | Blacksburg Transit |
| Local   | 10  | 2  | 13  | 8   | 8   | Local            | 31  | Blacksburg Transit |
| Year Total:   | 226   | 26 | 146 | 86  | 202 | Total Funds:     | 460 | Blacksburg Transit |
| Description:  | Adj #4 -Increased FY 13 by \$81K (\$65K - flexible STP, \$9K - state & \$7K - local) in accordance with approved FY13 SYIP. <a href="#">Adj #12 - Revise funding based on FY14 SYIP.</a> Increase total FY14 by \$26K (increase flex STP by \$21K, increase state funding by 3K, increase local funds by \$2K).     |    |     |     |     |                  |     |                    |
| STIP ID: BBT0021      Title: ADP Software      Recipient: Blacksburg Transit          |   |    |     |     |     |                  |     |                    |
| Federal Stimulus  | 25  |    |     |     |     | Federal Stimulus | -   | Blacksburg Transit |
| Flexible STP  |   |    | 120 | 200 | 27  | Flexible STP     | 347 | Blacksburg Transit |
| State   | -   |    | 16  | 28  | 5   | State            | 49  | Blacksburg Transit |
| Local   | -   |    | 14  | 22  | 1   | Local            | 37  | Blacksburg Transit |
| Year Total:   | 25  | -  | 150 | 250 | 33  | Total Funds:     | 433 | Blacksburg Transit |
| Description:  | Adj #4 -Increased FY 13 by \$50K (\$40K - flexible STP, \$6K - state & \$4K - local) in accordance with approved FY13 SYIP. <a href="#">Adj #12 - Revise funding based on FY14 SYIP.</a> Increase total FY14 by \$150K (increase flex STP by \$120K, increase state funding by 18K, increase local funds by \$12K). |    |     |     |     |                  |     |                    |
| STIP ID: BBT0022      Title: Communication Systems      Recipient: Blacksburg Transit |   |    |     |     |     |                  |     |                    |
| Federal Stimulus  | 21  | -  |     |     |     | Federal Stimulus | -   | Blacksburg Transit |
| Flexible STP  |   | 25 |     |     |     | Flexible STP     | 25  | Blacksburg Transit |
| State   | -   | 3  |     |     |     | State            | 3   | Blacksburg Transit |
| Local   | -   | 3  |     |     |     | Local            | 3   | Blacksburg Transit |
| Year Total:   | 21  | 31 | -   | -   | -   | Total Funds:     | 31  | Blacksburg Transit |
| Description:  |   |    |     |     |     |                  |     |                    |

| STIP ID:     |   | BBT0023 | Title: Support Vehicles      |     | Recipient: |              | Blacksburg Transit |                    |
|--------------|---|---------|------------------------------|-----|------------|--------------|--------------------|--------------------|
| Flexible STP | 26  |         | 21                           | 6   | -          | Flexible STP | 27                 | Blacksburg Transit |
| State        | 5   |         | 3                            | 1   | -          | State        | 4                  | Blacksburg Transit |
| Local        | 1   |         | 2                            | 1   | -          | Local        | 3                  | Blacksburg Transit |
| Year Total:  | 32  | -       | 26                           | 8   | -          | Total Funds: | 34                 | Blacksburg Transit |
| Description: | Adj #4 -Decreased FY 13 by \$175K (\$140K - flexible STP, \$17K - state & \$18K - local) in accordance with approved FY13 SYIP. Adj #12 - Revise funding based on FY14 SYIP. Decrease total FY14 by \$92K (decrease flex STP by \$74K, decrease state funding by 9K, decrease local funds by \$9K). Grantee refurbishing instead of purchasing new. |         |                              |     |            |              |                    |                    |
| STIP ID:     |   | BBT0026 | Title: JARC Program          |     | Recipient: |              | Blacksburg Transit |                    |
| JARC         | 708   | 25      | 294                          | 211 | 246        | JARC         | 776                | Blacksburg Transit |
| State        | -   |         |                              |     |            | State        | -                  | Blacksburg Transit |
| Local        | 656   | 25      | 294                          | 211 | 246        | Local        | 776                | Blacksburg Transit |
| Revenues     | 74  | 2       | 10                           | 27  | 28         | Revenues     | 67                 | Blacksburg Transit |
| Year Total:  | 1,438   | 52      | 598                          | 449 | 520        | Total Funds: | 1,619              | Blacksburg Transit |
| Description: | Adj #4 -Add FY 13 JARC funding in the amount of \$598K (\$294K - JARC, \$294K - local, and \$10K - revenues) in accordance with approved FY13 SYIP. Adj #12 - Add FY14 funding based on FY14 SYIP. Adjustment #24 - Add final installment of JARC funding for FY15, approved 4/23/2014.   |         |                              |     |            |              |                    |                    |
| STIP ID:     |   | BBT0027 | Title: Expansion Bus Trolley |     | Recipient: |              | Blacksburg Transit |                    |
| Flexible STP |   |         |                              |     | -          | Flexible STP | -                  | Blacksburg Transit |
| State        |   |         |                              |     | -          | State        | -                  | Blacksburg Transit |
| Local        |   |         |                              |     | -          | Local        | -                  | Blacksburg Transit |
| Year Total:  | -   | -       | -                            | -   | -          | Total Funds: | -                  | Blacksburg Transit |
| Description: |   |         |                              |     |            |              |                    |                    |
| STIP ID:     |   | BBT0028 | Title: Radios                |     | Recipient: |              | Blacksburg Transit |                    |
| Flexible STP |   | 12      | 5                            | 10  | 18         | Flexible STP | 45                 | Blacksburg Transit |
| State        |   | 2       | 1                            | 1   | 4          | State        | 8                  | Blacksburg Transit |
| Local        |   | 1       | 1                            | 2   | 1          | Local        | 5                  | Blacksburg Transit |
| Year Total:  | -   | 15      | 7                            | 13  | 23         | Total Funds: | 58                 | Blacksburg Transit |
| Description: | Adj #12 - Revise funding based on FY14 SYIP. Decrease total FY14 by \$2K (decrease flex STP by \$2K, decrease state funding by 1K, increase local funds by \$1K).   |         |                              |     |            |              |                    |                    |



|                    |   |   |     |     |                                      |                     |       |                    |
|--------------------|---|---|-----|-----|--------------------------------------|---------------------|-------|--------------------|
| STIP ID:           | <b>BBT0029</b>  | Title: Shop Equipment                           |     |     | Recipient: <b>Blacksburg Transit</b> |                     |       |                    |
| Flexible STP       |   | 80  | 82  | 175 | 25                                   | Flexible STP        | 362   | Blacksburg Transit |
| State              |   | 11  | 11  | 24  | 5                                    | State               | 51    | Blacksburg Transit |
| Local              |   | 9   | 10  | 19  | 1                                    | Local               | 39    | Blacksburg Transit |
| <b>Year Total:</b> | -   | 100   | 103 | 218 | 31                                   | <b>Total Funds:</b> | 452   | Blacksburg Transit |
| Description:       | Adj #4 -Increased FY 13 by \$1K (\$1K - state) in accordance with approved FY13 SYIP. Adj #12 - Revise funding based on FY14 SYIP. Increase total FY14 by \$114K (increase flex STP by \$92K, increase state funding by 13K, increase local funds by \$9K). |   |     |     |                                      |                     |       |                    |
| STIP ID:           | <b>BBT0030</b>  | Title: Bike Racks, ITS or Misc. Equipment       |     |     | Recipient: <b>Blacksburg Transit</b> |                     |       |                    |
| Flexible STP       |   |   |     | 1   | 6                                    | Flexible STP        | 7     | Blacksburg Transit |
| State              |   |   |     |     | 1                                    | State               | 1     | Blacksburg Transit |
| Local              |   |   |     |     | 1                                    | Local               | 1     | Blacksburg Transit |
| <b>Year Total:</b> | -   | -   | -   | 1   | 8                                    | <b>Total Funds:</b> | 9     | Blacksburg Transit |
| Description:       | Adj #12 - Add funding for FY14 for purchase of trash can based on FY14 SYIP.  |   |     |     |                                      |                     |       |                    |
| STIP ID:           | <b>BBT0031</b>  | Title: Bus Routing & Scheduling Study           |     |     | Recipient: <b>Blacksburg Transit</b> |                     |       |                    |
| TIGGER             |   | 1,859   |     |     |                                      | TIGGER              | 1,859 | Blacksburg Transit |
| State              |   |   |     |     |                                      | State               | -     | Blacksburg Transit |
| Local              |   |   |     |     |                                      | Local               | -     | Blacksburg Transit |
| <b>Year Total:</b> | -   | 1,859   | -   | -   | -                                    | <b>Total Funds:</b> | 1,859 | Blacksburg Transit |
| Description:       | Amend #3 - Add new TIGGER funding in the amount of 1,859K (100%) to FY12 in accordance with the Blacksburg TIP. Actual amount is \$1,858,680.   |   |     |     |                                      |                     |       |                    |
| STIP ID:           | <b>BBT0032</b>  | Title: Purchase Surveillance/Security Equipment |     |     | Recipient: <b>Blacksburg Transit</b> |                     |       |                    |
| Flexible STP       |   |   |     | 11  |                                      | Flexible STP        | 11    | Blacksburg Transit |
| State              |   |   |     | 2   |                                      | State               | 2     | Blacksburg Transit |
| Local              |   |   |     | 1   |                                      | Local               | 1     | Blacksburg Transit |
| <b>Year Total:</b> | -   | -   | -   | 14  | -                                    | <b>Total Funds:</b> | 14    | Blacksburg Transit |
| Description:       | Amend #18 - Add new project and funding for FY14 based on FY14 SYIP.  |   |     |     |                                      |                     |       |                    |

| STIP ID:     | CRAD001   | Title: Operating Assistance      |   |       | Recipient: | City of Radford |       |                 |
|--------------|---|----------------------------------|---|-------|------------|-----------------|-------|-----------------|
| FTA 5307     |   |                                  |   | 647   | 465        | FTA 5307        | 1,112 | City of Radford |
| FTA 5311     |   |                                  |   |       | 36         | FTA 5311        | 36    | City of Radford |
| State        |   |                                  |   | 159   | 263        | State           | 422   | City of Radford |
| Local        |   |                                  |   | 519   | 519        | Local           | 1,038 | City of Radford |
| Revenues     |   |                                  |   | 30    | 35         | Revenues        | 65    | City of Radford |
| Year Total:  | -   | -                                | - | 1,355 | 1,318      | Total Funds:    | 2,673 | City of Radford |
| Description: | Amend #18 - Add new grantee and funding based on FY14 SYIP. |                                  |   |       |            |                 |       |                 |
| STIP ID:     | CRAD002   | Title: ADP Hardware and Software |   |       | Recipient: | City of Radford |       |                 |
| Flexible STP |   |                                  |   | 55    |            | Flexible STP    | 55    | City of Radford |
| State        |   |                                  |   | 8     |            | State           | 8     | City of Radford |
| Local        |   |                                  |   | 6     |            | Local           | 6     | City of Radford |
| Year Total:  | -   | -                                | - | 69    | -          | Total Funds:    | 69    | City of Radford |
| Description: | Amend #18 - Add new grantee and funding based on FY14 SYIP. |                                  |   |       |            |                 |       |                 |
| STIP ID:     | CRAD003   | Title: Purchase Radios           |   |       | Recipient: | City of Radford |       |                 |
| Flexible STP |   |                                  |   | 12    |            | Flexible STP    | 12    | City of Radford |
| State        |   |                                  |   | 2     |            | State           | 2     | City of Radford |
| Local        |   |                                  |   | 1     |            | Local           | 1     | City of Radford |
| Year Total:  | -   | -                                | - | 15    | -          | Total Funds:    | 15    | City of Radford |
| Description: | Amend #18 - Add new grantee and funding based on FY14 SYIP. |                                  |   |       |            |                 |       |                 |
| STIP ID:     | CRAD004   | Title: Purchase Support Vehicles |   |       | Recipient: | City of Radford |       |                 |
| Flexible STP |   |                                  |   | 40    |            | Flexible STP    | 40    | City of Radford |
| State        |   |                                  |   | 6     |            | State           | 6     | City of Radford |
| Local        |   |                                  |   | 4     |            | Local           | 4     | City of Radford |
| Year Total:  | -   | -                                | - | 50    | -          | Total Funds:    | 50    | City of Radford |
| Description: | Amend #18 - Add new grantee and funding based on FY14 SYIP. |                                  |   |       |            |                 |       |                 |

| STIP ID: <b>NRVC001</b>   |  | Title: Paratransit Vehicles |               | Recipient: <b>New River Valley Community Services</b> |               |                     |               |
|---------------------------|--|-----------------------------|---------------|---|---------------|---------------------|---------------|
| FTA 5310                  |  | 80                          | 120           | 166   | 156           | FTA 5310            | 522           |
| State                     |  |                             |               |   |               | State               | -             |
| Local                     |  | 20                          | 30            | 42  | 39            | Local               | 131           |
| <b>Year Total:</b>        | -  | 100                         | 150           | 208   | 195           | <b>Total Funds:</b> | 653           |
| Description:              | Adj #4 -Increased FY 13 by \$26K (\$21K - 5310, \$5K - Local) in accordance with approved FY13 SYIP. Adj #12 - Revise funding based on FY14 SYIP. Increase FY14 total funding by \$118K (increase 5310 by \$94K, increase local by \$24K). |                             |               |   |               |                     |               |
| <b>Blacksburg Transit</b> | Previous Funding   | FY 2012                     | FY 2013       | FY 2014   | FY 2015       | Total FY 2012-2015  |               |
| FTA 5307                  | -  | 1,534                       | 1,535         | 1,273   | 1,751         | FTA 5307            | 6,093         |
| FTA 5309                  | 8,328  | -                           | -             | -   | -             | FTA 5309            | -             |
| FTA 5310                  | -  | -                           | -             | -   | -             | FTA 5310            | -             |
| FTA 5311                  | -  | -                           | -             | -   | -             | FTA 5311            | -             |
| FTA 5314                  | -  | -                           | -             | -   | -             | FTA 5314            | -             |
| JARC                      | 708  | 25                          | 294           | 211   | 246           | JARC                | 776           |
| Federal Stimulus          | 4,346  | -                           | -             | -   | -             | Federal Stimulus    | -             |
| TIGGER                    | -  | 1,859                       | -             | -   | -             | TIGGER              | 1,859         |
| Other Federal             | -  | -                           | -             | -   | -             | Other Federal       | -             |
| State                     | 675  | 1,140                       | 1,887         | 1,747   | 2,156         | State               | 6,930         |
| Local                     | 2,958  | 2,003                       | 2,559         | 3,174   | 3,023         | Local               | 10,759        |
| Revenues                  | 74   | 971                         | 959           | 1,028   | 240           | Revenues            | 3,198         |
| Equity Bonus              | -  | -                           | -             | -   | -             | Equity Bonus        | -             |
| Flexible STP              | 3,583  | 2,208                       | 2,873         | 4,505   | 3,251         | Flexible STP        | 12,837        |
| New Freedom               | -  | -                           | -             | -   | -             | New Freedom         | -             |
| <b>Totals</b>             | <b>20,672</b>  | <b>9,740</b>                | <b>10,107</b> | <b>11,938</b>   | <b>10,667</b> |                     | <b>42,452</b> |

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| <b>City of Radford</b> | <b>Previous Funding</b> | <b>FY 2012</b> | <b>FY 2013</b> | <b>FY 2014</b> | <b>FY 2015</b> | <b>Total FY 2012-2015</b> |              |
|------------------------|-------------------------|----------------|----------------|----------------|----------------|---------------------------|--------------|
| FTA 5307               | -                       | -              | -              | 647            | 465            | FTA 5307                  | 1,112        |
| FTA 5309               | -                       | -              | -              | -              | -              | FTA 5309                  | -            |
| FTA 5310               | -                       | -              | -              | -              | -              | FTA 5310                  | -            |
| FTA 5311               | -                       | -              | -              | -              | 36             | FTA 5311                  | 36           |
| FTA 5314               | -                       | -              | -              | -              | -              | FTA 5314                  | -            |
| JARC                   | -                       | -              | -              | -              | -              | JARC                      | -            |
| Federal Stimulus       | -                       | -              | -              | -              | -              | Federal Stimulus          | -            |
| TIGGER                 | -                       | -              | -              | -              | -              | TIGGER                    | -            |
| Other Federal          | -                       | -              | -              | -              | -              | Other Federal             | -            |
| State                  | -                       | -              | -              | 175            | 263            | State                     | 438          |
| Local                  | -                       | -              | -              | 530            | 519            | Local                     | 1,049        |
| Revenues               | -                       | -              | -              | 30             | 35             | Revenues                  | 65           |
| Equity Bonus           | -                       | -              | -              | -              | -              | Equity Bonus              | -            |
| Flexible STP           | -                       | -              | -              | 107            | -              | Flexible STP              | 107          |
| New Freedom            | -                       | -              | -              | -              | -              | New Freedom               | -            |
| <b>Totals</b>          | -                       | -              | -              | <b>1,489</b>   | <b>1,318</b>   |                           | <b>2,807</b> |

| <b>New River Valley Community Services</b> | Previous Funding | FY 2012    | FY 2013    | FY 2014    | FY 2015    | Total FY 2012-2015 |            |
|--|------------------|------------|------------|------------|------------|--------------------|------------|
| FTA 5307                                   | -                | -          | -          | -          | -          | FTA 5307           | -          |
| FTA 5309                                   | -                | -          | -          | -          | -          | FTA 5309           | -          |
| FTA 5310                                   | -                | 80         | 120        | 166        | 156        | FTA 5310           | 522        |
| FTA 5311                                   | -                | -          | -          | -          | -          | FTA 5311           | -          |
| FTA 5314                                   | -                | -          | -          | -          | -          | FTA 5314           | -          |
| JARC                                       | -                | -          | -          | -          | -          | JARC               | -          |
| Federal Stimulus                           | -                | -          | -          | -          | -          | Federal Stimulus   | -          |
| TIGGER                                     | -                | -          | -          | -          | -          | TIGGER             | -          |
| Other Federal                              | -                | -          | -          | -          | -          | Other Federal      | -          |
| State                                      | -                | -          | -          | -          | -          | State              | -          |
| Local                                      | -                | 20         | 30         | 42         | 39         | Local              | 131        |
| Revenues                                   | -                | -          | -          | -          | -          | Revenues           | -          |
| Equity Bonus                               | -                | -          | -          | -          | -          | Equity Bonus       | -          |
| Flexible STP                               | -                | -          | -          | -          | -          | Flexible STP       | -          |
| New Freedom                                | -                | -          | -          | -          | -          | New Freedom        | -          |
| <i>Totals</i>                              | -                | <b>100</b> | <b>150</b> | <b>208</b> | <b>195</b> |                    | <b>653</b> |

| <b>Blacksburg<br/>MPO</b> | Previous Funding | FY 2012      | FY 2013       | FY 2014       | FY 2015       | Total FY 2012-2015  |               |
|---------------------------|------------------|--------------|---------------|---------------|---------------|---------------------|---------------|
| FTA 5307                  | -                | 1,534        | 1,535         | 1,920         | 2,216         | FTA 5307            | 7,205         |
| FTA 5309                  | 8,328            | -            | -             | -             | -             | FTA 5309            | -             |
| FTA 5310                  | -                | 80           | 120           | 166           | 156           | FTA 5310            | 522           |
| FTA 5311                  | -                | -            | -             | -             | 36            | FTA 5311            | 36            |
| FTA 5314                  | -                | -            | -             | -             | -             | FTA 5314            | -             |
| JARC                      | 708              | 25           | 294           | 211           | 246           | JARC                | 776           |
| Federal<br>Stimulus       | 4,346            | -            | -             | -             | -             | Federal<br>Stimulus | -             |
| TIGGER                    | -                | 1,859        | -             | -             | -             | TIGGER              | 1,859         |
| Other Federal             | -                | -            | -             | -             | -             | Other Federal       | -             |
| State                     | 675              | 1,140        | 1,887         | 1,922         | 2,419         | State               | 7,368         |
| Local                     | 2,958            | 2,023        | 2,589         | 3,746         | 3,581         | Local               | 11,939        |
| Revenues                  | 74               | 971          | 959           | 1,058         | 275           | Revenues            | 3,263         |
| Equity Bonus              | -                | -            | -             | -             | -             | Equity Bonus        | -             |
| Flexible STP              | 3,583            | 2,208        | 2,873         | 4,612         | 3,251         | Flexible STP        | 12,944        |
| New Freedom               | -                | -            | -             | -             | -             | New Freedom         | -             |
| <i>Totals</i>             | <b>20,672</b>    | <b>9,840</b> | <b>10,257</b> | <b>13,635</b> | <b>12,180</b> |                     | <b>45,912</b> |

## **PROGRAM NARRATIVE**

### **Virginia/Tech/Montgomery Executive Airport**

The Virginia Tech/Montgomery Executive Airport received confirmation from the Federal Aviation Administration that its Master Plan Update had been approved as of April 2008. This update provides the guidance for the airport's development program over the next 20 years. The Master Plan is designed to address development through a three stage program focusing on the five, ten and twenty year capital plan. In response to the Federal Aviation Administration and the Virginia Department of Aviation requirements, the Virginia Tech/Montgomery Executive Airport is required to maintain a six (6) year Airport Capital Improvement Plan and to update that plan annually.

#### **Current Year FY11**

**1.) Environmental Assessment:** Several development projects identified over the short term planning horizon will require some level of environmental approval prior to receiving state and federal funds. Many of these projects are related to the runway extension, relocation of a collector road, expansion of the apron area and hangar development. The first step is the Environmental Assessment which is 90% complete. The Environmental Assessment has a projected cost of \$437,951. The FAA will fund 95% of this project or \$416,053 while the Virginia Department of Aviation (VDOA) will fund 3% or \$13,139. The Airport Authority will pay the remaining 2% or, \$8,759.

**2.) Runway Rehabilitation Construction:** This project is scheduled to begin on April 1, 2011 and consists of the total rehabilitation of Runway 12/30. This project will provide for a new base and a complete resurfacing. Additional improvements include an updated lighting system and grading of the runway shoulders. Appropriate erosion and sediment control measures will be applied and the area seeded. The projected cost of this project is \$5,975,000. The FAA will fund 95% of this project, or \$5,676,250 while the VDOA will fund 3% of the project or, \$179,250 with the remaining 2% or \$119,500 paid for by the Airport Authority.

**3.) Runway Protection Zone, Land Acquisition Preliminary Services:** This is a continuation of an earlier airport safety project. The project is to survey and determine valuation of certain parcels in the runway 12/30 RPZ's. The expected cost of this project is \$110,000. The FAA will fund 95% or \$104,500. VDOA will fund 3% or \$3,300 and the remaining 2% or \$2,200 will be funded by the Airport Authority. Land Acquisition Preliminary Services and all subsequent projects are predicated on a successful Environmental Assessment of a finding of no significant impact.

#### **FY12**

**1.) Road Relocation, Runway Extension Design:** This project is the first of the runway extension development projects. This is the design phase of the relocation of Tech Center Drive

and the Runway Extension. This project is estimated to cost \$680,000. The FAA will fund 95% or \$646,000. VDOA will fund 3% or \$20,400 while the Authority will fund 2% or \$13,600.

**2.) T-Hangar Site Design/Construction:** This project is the design of Phase I Site Preparation for Group I T-Hangars. This design project is expected to cost \$175,000 with VDOA funding \$140,000 and a private entity funding the remaining 20% or \$35,000.

| <b>FY13</b>                 | <b>FAA</b>  | <b>DOAV</b> | <b>AIRPORT</b> | <b>TOTAL</b> |
|-----------------------------|-------------|-------------|----------------|--------------|
| Construction Tech Center Dr | \$4,512,000 | \$142,500   | \$95,000       | \$4,750,000  |
| T-Hangar Construction       |             | \$900,000   | \$700,000      | \$1,600,000  |
| <b>FY14</b>                 |             |             |                |              |
| Extend Runway 12/30         | \$4,258,850 | \$134,490   | \$89,660       | \$4,483,000  |
| <b>FY15</b>                 |             |             |                |              |
| Land Acquisition RWY 12     | \$2,375,000 | \$75,000    | \$50,000       | \$2,500,000  |
| <b>FY16</b>                 |             |             |                |              |
| Land Acquisition RWY 12     | \$2,375,000 | \$75,000    | \$50,000       | \$2,500,000  |